

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1796	709/245.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:21
L2	6852	709/203.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:21
L3	5049	709/223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:21
L4	1437	709/200.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:21
L5	11140	709/201-204.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:22
L6	11934	709/217-222.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:22
L7	17784	709/224-231.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:22
L8	4041	709/236-238.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:22
L9	5258	709/246-250.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:22

## EAST Search History

L10	932	719/310.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:22
L11	153	719/311.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:22
L12	2265	719/315-318.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:22
L13	43934	l1 or l2 or l3 or l4 or l5 or l6 or l7 or l8 or l9 or l10 or l11 or l12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:23
L14	4482	l13 and domain near2 name	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:23
L15	74	l14 and(resolution near3 query)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:24
S1	8	LDNS and ADNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/07 12:21
S2	1	S1 and DMM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 18:43
S3	1	S1 and match\$5 near5 pair	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 18:43
S4	464	LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 18:45

## EAST Search History

S5	60	LDNS same load	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 18:47
S6	18	LDNS and load adj balanc\$5 and proxi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 18:57
S7	9	ADNS and load adj balanc\$5 and proxi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 19:08
S8	9	ADNS and load adj balanc\$5 and proxi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 19:08
S9	1	matching near2 pair same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 21:36
S10	17	pair same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 21:38
S11	1	TTL same query same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 21:38
S12	1	TTL same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 21:38
S13	2	timestamp same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:01
S14	1	standard adj address and monitoring adj address and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:04

## EAST Search History

S15	14	standard near5 address and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:05
S16	1	secondary near5 address and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:05
S17	65	set near5 address and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:06
S18	3	set near5 address and LDNS and ADNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:07
S19	1	free near5 address and LDNS and ADNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:06
S20	1	free near5 address same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:07
S21	11	set near5 address same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:09
S22	0	alternat\$5 near5 address same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:09
S23	0	alternat\$5 near10 address same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:09
S24	187	alternat\$5 near10 address near5 monitor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:10

## EAST Search History

S25	25	alternat\$5 near10 address near5 monitor\$5 same server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:14
S26	1	free near5 address same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:14
S27	3	free same address same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 22:14
S28	13	free same address and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 00:28
S29	3	tolerance same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 00:29
S30	19	range same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 00:32
S31	0	time adj schedule same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 00:32
S32	1	time adj schedule and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 00:32
S33	13	(time or schedule) same "new" near5 assign\$5 and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 00:34
S34	76	(time or schedule) same assign\$5 and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 00:34

## EAST Search History

S35	5	(time or schedule) same assign\$5 same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 00:34
S36	18	assign\$5 near5 LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:09
S37	0	validty adj period same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:09
S38	1	validity adj period same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:10
S39	1	TTL same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:10
S40	4	live same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:12
S41	34016	709/201-207,217-228,230-232.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:13
S42	1384	709/200.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:13
S43	0	719/300.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:13
S44	891	719/310.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:13

## EAST Search History

S45	2851	719/311-318.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:14
S46	513	717/100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:14
S47	713	717/102-105.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:14
S48	706	455/453.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:14
S49	38665	S41 or S42 or S44 or S45 or S46 or S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:15
S50	39364	S41 or S42 or S44 or S45 or S46 or S47 or S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:15
S51	107	S50 and local adj2 name adj server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:15
S52	45	S51 and authoritative near5 server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:37
S53	1	address near5 match\$5 same LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:38
S54	36	address near5 match\$5 and LDNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:39

## EAST Search History

S55	245	address near5 match\$5 same DNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:39
S56	109	address near5 match\$5 near5 DNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:39
S57	78	address near2 match\$5 near5 DNS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:39
S58	50	address near2 match\$5 near5 DNS same server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 09:45
S59	1	service near2 match\$5 near5 DNS same server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 10:08
S60	101	unique near5 DNS same server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 10:09
S61	63	unique near2 DNS same server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 10:09
S62	9	unique near2 DNS near5 server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 10:09




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 Terms used **domain query match**

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### 1 [Automatic complex schema matching across Web query interfaces: A correlation mining approach](#)



Bin He, Kevin Chen-Chuan Chang

 March 2006 **ACM Transactions on Database Systems (TODS)**, Volume 31 Issue 1

Publisher: ACM Press

Full text available: pdf(1.49 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

To enable information integration, schema matching is a critical step for discovering semantic correspondences of attributes across heterogeneous sources. While complex matchings are common, because of their far more complex search space, most existing techniques focus on simple 1:1 matchings. To tackle this challenge, this article takes a conceptually novel approach by viewing schema matching as *correlation mining*, for our task of matching Web query interfaces to integrate the myriad dat ...

**Keywords:** Data integration, bagging predictors, correlation mining, deep Web, ensemble, schema matching

### 2 [Meta data management: Statistical schema matching across web query interfaces](#)



Bin He, Kevin Chen-Chuan Chang

 June 2003 **Proceedings of the 2003 ACM SIGMOD international conference on Management of data**

Publisher: ACM Press

Full text available: pdf(294.12 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

Schema matching is a critical problem for integrating heterogeneous information sources. Traditionally, the problem of matching multiple schemas has essentially relied on finding pairwise-attribute correspondence. This paper proposes a different approach, motivated by integrating large numbers of data sources on the Internet. On this "deep Web," we observe two distinguishing characteristics that offer a new view for considering schema matching: First, as the Web scales, there are ample sources t ...

### 3 [Research session: integration and mapping #1: Light-weight domain-based form assistant: querying web databases on the fly](#)

Zhen Zhang, Bin He, Kevin Chen-Chuan Chang

 August 2005 **Proceedings of the 31st international conference on Very large data bases VLDB '05**


**Publisher:** VLDB EndowmentFull text available:  pdf(311.86 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Web has been rapidly "deepened" by myriad searchable databases online, where data are hidden behind query forms. Helping users query alternative "deep Web" sources in the same domain (e.g., Books, Airfares) is an important task with broad applications. As a core component of those applications, dynamic query translation (*i.e.*, translating a user's query across dynamically selected sources) has not been extensively explored. While existing works focus on isolated subproblems (

#### 4 [Optimal disk allocation for partial match queries](#)



Khaled A. S. Abdel-Ghaffar, Amr El Abbadi

March 1993 **ACM Transactions on Database Systems (TODS)**, Volume 18 Issue 1**Publisher:** ACM PressFull text available:  pdf(1.75 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The problem of disk allocation addresses the issue of how to distribute a file on several disks in order to maximize concurrent disk accesses in response to a partial match query. In this paper a coding-theoretic analysis of this problem is presented, and both necessary and sufficient conditions for the existence of strictly optimal allocation methods are provided. Based on a class of optimal codes, known as maximum distance separable codes, strictly optimal allocation methods are construct ...

**Keywords:** Cartesian product files, coding theory, multiple disk systems, partial match queries

#### 5 [Integration of heterogeneous databases without common domains using queries based on textual similarity](#)



William W. Cohen

June 1998 **ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data SIGMOD '98**, Volume 27 Issue 2**Publisher:** ACM PressFull text available:  pdf(1.83 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Most databases contain "name constants" like course numbers, personal names, and place names that correspond to entities in the real world. Previous work in integration of heterogeneous databases has assumed that local name constants can be mapped into an appropriate global domain by normalization. However, in many cases, this assumption does not hold; determining if two name constants should be considered identical can require detailed knowledge of the world, the purpose of the ...

#### 6 [Special section on semantic integration: A holistic paradigm for large scale schema matching](#)



Bin He, Kevin Chen-Chuan Chang

December 2004 **ACM SIGMOD Record**, Volume 33 Issue 4**Publisher:** ACM PressFull text available:  pdf(146.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Schema matching is a critical problem for integrating heterogeneous information sources. Traditionally, the problem of matching multiple schemas has essentially relied on finding pairwise-attribute correspondences in isolation. In contrast, we propose a new matching paradigm, *holistic schema matching*, to match many schemas at the same time and find all matchings at once. By handling a set of schemas together, we can explore their *context* information that reflects the semantic corre ...

7 Providing better support for a class of decision support queries

Sudhir G. Rao, Antonio Badia, Dirk van Gucht

June 1996 **ACM SIGMOD Record , Proceedings of the 1996 ACM SIGMOD international conference on Management of data SIGMOD '96**, Volume 25 Issue 2

Publisher: ACM Press

Full text available: pdf(1.30 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Relational database systems do not effectively support complex queries containing quantifiers (*quantified queries*) that are increasingly becoming important in decision support applications. *Generalized quantifiers* provide an effective way of expressing such queries naturally. In this paper, we consider the problem of processing quantified queries within the generalized quantifier framework. We demonstrate that current relational systems are ill-equipped, both at the language and at ...

8 Research track papers: Discovering complex matchings across web query interfaces: a correlation mining approach

Bin He, Kevin Chen-Chuan Chang, Jiawei Han

August 2004 **Proceedings of the tenth ACM SIGKDD international conference on Knowledge discovery and data mining KDD '04**

Publisher: ACM Press

Full text available: pdf(229.75 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

To enable information integration, schema matching is a critical step for discovering semantic correspondences of attributes across heterogeneous sources. While complex matchings are common, because of their far more complex search space, most existing techniques focus on simple 1:1 matchings. To tackle this challenge, this paper takes a conceptually novel approach by viewing schema matching as *correlation mining*, for our task of matching Web query interfaces to integrate the myriad datab ...

**Keywords:** correlation measure, correlation mining, data integration, deep Web, schema matching

9 Full papers: Mining complex matchings across Web query interfaces

Bin He, Kevin Chen-Chuan Chang, Jiawei Han

June 2004 **Proceedings of the 9th ACM SIGMOD workshop on Research issues in data mining and knowledge discovery**

Publisher: ACM Press

Full text available: pdf(225.00 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

To enable information integration, schema matching is a critical step for discovering semantic correspondences of attributes across heterogeneous sources. As a new attempt, this paper studies such matching as a data mining problem. Specifically, while complex matchings are common, because of their far more complex search space, most existing techniques focus on simple 1:1 matchings. To tackle this challenge, this paper takes a conceptually novel approach by viewing schema matching as *correla* ...

10 SageBook: searching data-graphics by content

Mei C. Chuah, Steven F. Roth, John Kolojejchick, Joe Mattis, Octavio Juarez

May 1995 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: html(44.49 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**11 A semantic-based approach to component retrieval**

Vijayan Sugumaran, Veda C. Storey

August 2003 **ACM SIGMIS Database**, Volume 34 Issue 3**Publisher:** ACM Press

Full text available: pdf(367.67 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

There continues to be a great deal of pressure to design and develop information systems within a short period of time. This urgency has reinvigorated research on software reuse, particularly in component based software development. One of the major problems associated with component-based development is the difficulty in searching and retrieving reusable components that meet the requirement at hand. In part, this problem exists because of the lack of sophisticated query methods and techniques. ...

**Keywords:** component based development, domain model, ontology, reuse repository, systems development

**12 Event matching in symmetric subscription systems**

Walid Rjaibi, Klaus R. Dittrich, Dieter Jaepel

September 2002 **Proceedings of the 2002 conference of the Centre for Advanced Studies on Collaborative research****Publisher:** IBM Press

Full text available: pdf(192.61 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Publish/subscribe and database systems researchers have recognized the importance of the event matching algorithm to the performance and scalability of a content-based subscription system. A number of interesting event matching techniques as well as DBMS solutions have been proposed in recent research work in the area. Content-based subscription systems allow information consumers to define filtering criteria when they register their interest in being notified of events that match their requirem ...

**13 A survey of approaches to automatic schema matching**

Erhard Rahm, Philip A. Bernstein

December 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 4**Publisher:** Springer-Verlag New York, Inc.

Full text available: pdf(196.22 KB)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Schema matching is a basic problem in many database application domains, such as data integration, E-business, data warehousing, and semantic query processing. In current implementations, schema matching is typically performed manually, which has significant limitations. On the other hand, previous research papers have proposed many techniques to achieve a partial automation of the match operation for specific application domains. We present a taxonomy that covers many of these existing approach ...

**Keywords:** Graph matching, Machine learning, Model management, Schema integration, Schema matching

**14 Research sessions: Web, XML and IR: An interactive clustering-based approach to integrating source query interfaces on the deep Web**

Wensheng Wu, Clement Yu, AnHai Doan, Weiyi Meng

June 2004 **Proceedings of the 2004 ACM SIGMOD international conference on Management of data****Publisher:** ACM Press

Full text available:  pdf(227.85 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

An increasing number of data sources now become available on the Web, but often their contents are only accessible through query interfaces. For a domain of interest, there often exist many such sources with varied coverage or querying capabilities. As an important step to the integration of these sources, we consider the integration of their query interfaces. More specifically, we focus on the crucial step of the integration: accurately matching the interfaces. While the integration of query in ...

# 15 Query processing and optimization: Time relaxed spatiotemporal trajectory joins



Petko Bakalov, Marios Hadjieleftheriou, Vassilis J. Tsotras

November 2005 **Proceedings of the 13th annual ACM international workshop on Geographic information systems GIS '05**

**Publisher:** ACM Press

Full text available:  pdf(275.80 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Many spatiotemporal applications store moving object data in the form of trajectories. Various recent works have addressed interesting queries on trajectorial data, mainly focusing on range queries and Nearest Neighbor queries. Here we examine another interesting query, the Time Relaxed Spatiotemporal Trajectory Join (TRSTJ) which effectively finds groups of moving objects that have followed similar movements in different times. We first attempt to address the TRSTJ problem using a symbolic repr ...

**Keywords:** indexing, join, trajectory

# 16 Query evaluation techniques for large databases



Goetz Graefe

June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2

**Publisher:** ACM Press

Full text available:  pdf(9.37 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#), [review](#)

Database management systems will continue to manage large data volumes. Thus, efficient algorithms for accessing and manipulating large sets and sequences will be required to provide acceptable performance. The advent of object-oriented and extensible database systems will not solve this problem. On the contrary, modern data models exacerbate the problem: In order to manipulate large sets of complex objects as efficiently as today's database systems manipulate simple records, query-processi ...

**Keywords:** complex query evaluation plans, dynamic query evaluation plans, extensible database systems, iterators, object-oriented database systems, operator model of parallelization, parallel algorithms, relational database systems, set-matching algorithms, sort-hash duality

# 17 Semantic web ontologies, rules, and services track: A semantic-based fully visual application for matchmaking and query refinement in B2C e-marketplaces



Simona Colucci, Tommaso Di Noia, Eugenio Di Sciascio, Francesco M. Donini, Azzurra Ragone, Raffaele Rizzi

August 2006 **Proceedings of the 8th international conference on Electronic commerce: The new e-commerce: innovations for conquering current barriers, obstacles and limitations to conducting successful business on the internet ICEC '06**

**Publisher:** ACM Press

Full text available:  pdf(682.79 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a visual application in the framework of semantic-enabled e-marketplaces aimed at fully exploiting semantics of supply/demand descriptions in B2C and C2C e-marketplaces. Distinguishing aspects of the framework include logic-based explanation of request results, semantic ranking of matchmaking results, logic-based request refinement. The visual user interface has been designed and implemented to be immediate and simple, and it requires no knowledge of any logic principle to be ...

**Keywords:** e-marketplaces, matchmaking, semantic web

#### 18 Defining logical domains in a web site



Wen-Syan Li, Okan Kolak, Quoc Vu, Hajime Takano

May 2000 **Proceedings of the eleventh ACM on Hypertext and hypermedia**

**Publisher:** ACM Press

Full text available: pdf(152.26 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** WWW, domain boundary, link structures, logical domain, site map

#### 19 Industry/government track paper: Making holistic schema matching robust: an ensemble approach



Bin He, Kevin Chen-Chuan Chang

August 2005 **Proceeding of the eleventh ACM SIGKDD international conference on Knowledge discovery in data mining KDD '05**

**Publisher:** ACM Press

Full text available: pdf(581.05 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Web has been rapidly "deepened" by myriad searchable databases online, where data are hidden behind query interfaces. As an essential task toward integrating these massive "deep Web" sources, *large scale schema matching* (i.e., discovering semantic correspondences of attributes across many query interfaces) has been actively studied recently. In particular, many works have emerged to address this problem by "holistically" matching many schemas at the same time and thus pursuing "mining ...

**Keywords:** bagging predictors, data integration, deep web, ensemble, schema matching

#### 20 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

**Publisher:** IBM Press

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Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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Firstly, the DNS **resolution** process allows for **local** recording and subsequent ... An NS record or **name server** record maps a **domain name** to a list of DNS ...  
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**Local Server-Less Domain Name System (LSDNS)**, also known as multicast DNS, ... the Internet draft titled "**Local Server-less DNS (LSDNS) query resolution**" ...  
[www.microsoft.com/technet/community/columns/cableguy/cg0304.msp](http://www.microsoft.com/technet/community/columns/cableguy/cg0304.msp) - 19k - [Cached](#) - [Similar pages](#)

**Host Name Resolution**

The standard methods of host **name resolution** include checking the **local host name**, checking the **local** Hosts file, and querying DNS **servers**. ...  
[www.microsoft.com/technet/itsolutions/network/evaluate/technol/tcpipfund/tcpipfund\\_ch07.msp](http://www.microsoft.com/technet/itsolutions/network/evaluate/technol/tcpipfund/tcpipfund_ch07.msp) - 44k - [Cached](#) - [Similar pages](#)  
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**Domain Name System**

The NS **query** can be used to identify the **name servers** for a particular **domain**. ... from trying to append the **local** default **domain name** ( [scit.wlv.ac.uk](http://scit.wlv.ac.uk). ...  
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**Domain Name System (DNS) Denial of Service (DoS) Attacks**

When configuring a particular **name server**, first set the default level of **query** ... **Local** (UDP/TCP) or, if the DNS **servers** are configured with "**query-source** ...  
[www.ciac.org/ciac/bulletins/j-063.shtml](http://www.ciac.org/ciac/bulletins/j-063.shtml) - 30k - [Cached](#) - [Similar pages](#)

**Re: DNSEXT WGLC LLMNR-40 (Link-Local Multicast Name Resolution)**

A device that has a conventionally allocated, properly delegated, fully-qualified **domain name**, but there is no (authoritative) **name server** to **answer** for ...  
[www.ops.ietf.org/lists/namedroppers/namedroppers.2005/msg00984.html](http://www.ops.ietf.org/lists/namedroppers/namedroppers.2005/msg00984.html) - 16k - [Cached](#) - [Similar pages](#)

**[Chapter 2] 2.6 Resolution**

Given a **query** about any **domain name**, the root **name servers** can at least provide ... In iterative **resolution**, a **name server** simply gives the best **answer** it ...  
[www.unix.org.ua/oreilly/networking/dnsbind/ch02\\_06.htm](http://www.unix.org.ua/oreilly/networking/dnsbind/ch02_06.htm) - 27k - [Cached](#) - [Similar pages](#)

**Internet Protocol Addressing and the Domain Name System**

dig [**@nameserver**] **domain** [**query**]. This will ask the DNS **server** **nameserver** ... **Name resolution** games. **Local** stuff. If your system checks the hosts file first ...  
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**Google Groups results for domain name resolution query answer local name server**

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[no name resolution on local domain](#) - comp.os.linux.networking - Nov 9, 2004  
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